

SECRET

Approved For Release 2003/05/14 : CIA-RDP78B05171A000100020002-5

R & D CATALOG FORM		DATE
1. PROJECT TITLE/CODE NAME High Precision Stereo Comparator		29 February 1968
2. SHORT PROJECT DESCRIPTION (Follow-on) Fabricate a stereoscopic comparator with 10X to 200X zoom magnification, a 2 to 1 anamorphic correction, and automatic stereo tracking and correlation.		
3. CONTRACTOR NAME		4. LOCATION OF CONTRACTOR
5. CLASS OF CONTRACTOR Manufacturer		6. TYPE OF CONTRACT Fixed Price Incentive
7. FUNDS	8. REQUISITION NO.	9. BUDGET PROJECT NO.
FY 1967		NP-P-3-11038
FY 1968		
FY 1969		
10. EFFECTIVE CONTRACT DATE (Begin - end) March 1968 - December 1969		
11. SECURITY CLASS. A.A. - Confidential T. - Unclassified W. - Unclassified		
12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION DDI/NPIC/TSSG, [REDACTED]		
13. REQUIREMENT/AUTHORITY This project is in direct response to TID's requirement for a variable power stereo comparator capable of sub-micron measurement on high resolution, small scale photography.		
14. TYPE OF WORK TO BE DONE This 21-month project will entail expenditure of [REDACTED] for the fabrication of a high precision stereo comparator based on design work accomplished under Contract [REDACTED]		
15. CATEGORIES OF EFFORT		
MAJOR CATEGORY	SUB-CATEGORIES	
Precision Measurement	Photogrammetry	
	Electronics	
	Digital Computers	
	Optics	
16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC. The completed instrument will be versatile, computer driven and compatible with present and planned photographic inputs.		
17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION There is no known equipment either under development or commercially available which will satisfy this requirement. This project has been coordinated with DDS&T and COMIREX, and through review of other Agency R&D programs, and it has been determined that there is no duplication.		
18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required) All available comparators are based on cartographic requirements. They are not capable of adequate performance on the volume and quality of photography now being exploited for intelligence purposes. This comparator is the first whose features are commensurate with the latest generations of collection systems. Its magnification range, distortion correction, film capacity, and computer-driven optical adjustments will greatly extend the photo analyst's capability.		
19. APPROVED BY AND DATE		
OFFICE	DEPUTY DIRECTOR	DDCI
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